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[ABSTRACT]

A positive working heat-sensitive lithographic printing plate
5 precursor is disclosed which comprises a support having a
hydrophilic surface and a coating, provided on the hydrophilic
surface, wherein the coating comprises a spacer particle comprising
aluminum hydroxide or aluminum oxide and having an average particle
size larger than 0.3 μm , for improving the scuff-mark resistance of
10 the coating. Furthermore, the coating comprises an infrared light
absorbing agent, an oleophilic resin soluble in an aqueous alkaline
developer and a developer resistant means.

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